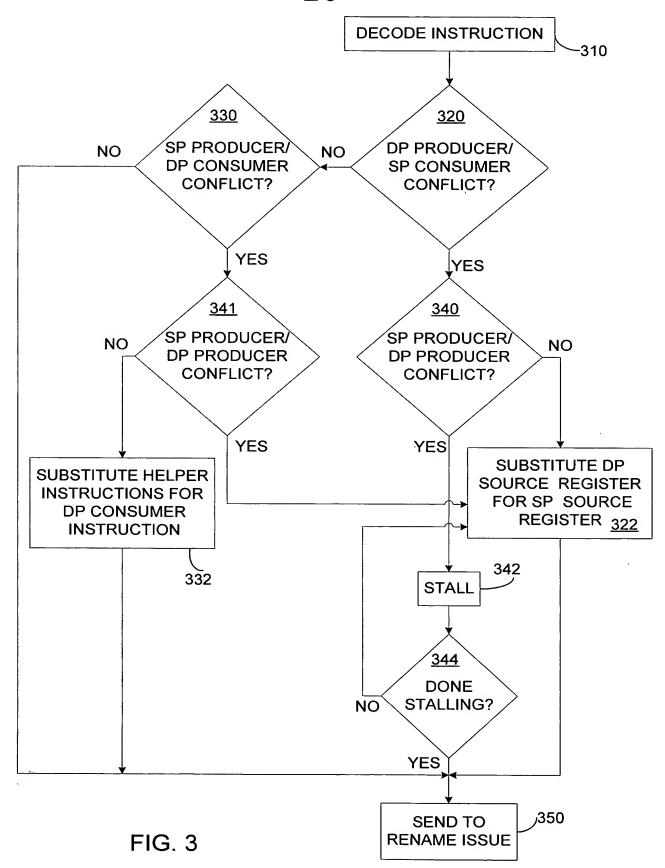


1ST INVENTOR: RABIN SUGUMAR, ET AL. HANDLING REGISTER DEPENDENCIES BETWEEN INSTRUCTIONS

SPECIFYING DIFFERENT WIDTH REGISTERS



r5	r4	d4
r3	r2	d2
r1	r0	d0

FIG. 4

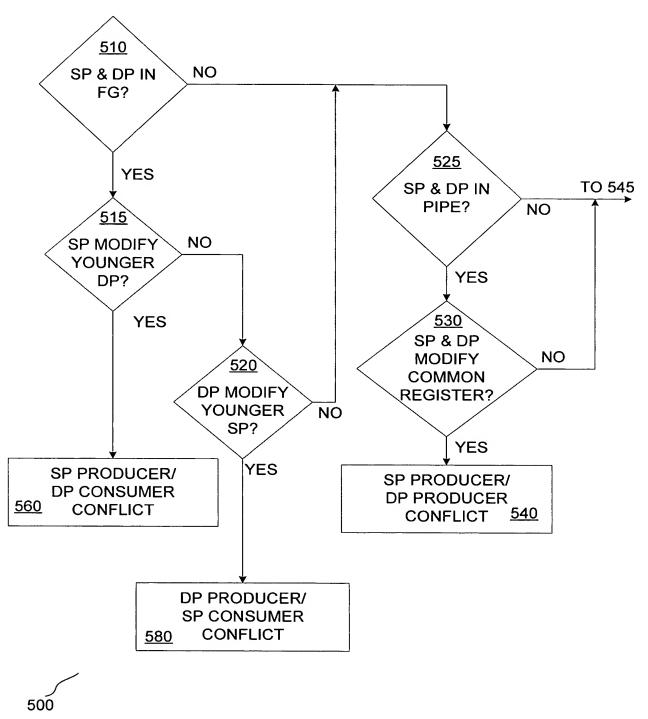


FIG. 5A

